BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

Name of Work: *Providing CC Roads at G Krishna Murthy House Road opp Venugopalswamy Temple in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.*

JOB CODE:

Estimated Cost: Rs. 13.62 Lakhs

(8)

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಯಲಹಂಕ ವಲಯ

ಬೆಂಗಳೂರು – 92.

ವರದಿ:

ವಿಷಯ: Providing CC Roads at G Krishna Murthy House Road opp Venugopalswamy Temple in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Divisionನ ಕಾಮಗಾರಿ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ಅನುಮೋದನೆಗೆ ಸಲ್ಲಿಸುವ ಬಗ್ಗೆ.

ಕಾಮಗಾರಿ ಸಂಕೇತ:

* * * * *

ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪವಿಭಾಗದ ವಾರ್ಡ್ ನಂ. 10ರ ವ್ಯಾಪ್ತಿಯಲ್ಲಿನ ಜಿ. ಕೃಷ್ಣ ಮೂರ್ತಿ ಮನೆ ರಸ್ತೆಗಳು ಹಾಗೂ ವೆಣುಗೋಪಾಲಸ್ವಾಮಿ ದೇವಸ್ಥಾನ ಎದುರು ರಸ್ತೆಗೆ ಕಾಂಕ್ರೀಟ್ ರಸ್ತೆ ನಿರ್ಮಾಣ ಕಾಮಗಾರಿಗೆ 2013–14ನೇ ಸಾಲಿನ ಅನುದಾನದಡಿ ರೂ. 13.62 ಲಕ್ಷಗಳ ಅನುದಾನಕ್ಕೆ ಅನುಮೋದನೆಯಾಗಿರುತ್ತದೆ.

ವಾರ್ಡ್ ವ್ಯಾಪ್ತಿಯ ಜಿ. ಕೃಷ್ಣ ಮೂರ್ತಿ ಮನೆ ರಸ್ತೆಗಳು ಹಾಗೂ ವೆಣುಗೋಪಾಲಸ್ವಾಮಿ ದೇವಸ್ಥಾನ ಎದುರು ಇತ್ತೀಚಿನ ದಿನಗಳಲ್ಲಿ ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿ ರವರಿಂದ ಒಳಚರಂಡಿ ಕೊಳವೆ ಸಾಲುಗಳನ್ನು ಅಳವಡಿಸಲು ರಸ್ತೆಗಳನ್ನು ಅಗೆದಿದ್ದು, ಕೊಳವೆ ಸಾಲುಗಳನ್ನು ಅಳವಡಿಸಿ ಮಣ್ಣು ಸರಿಯಾಗಿ ಮುಚ್ಚದೆ ರಸ್ತೆಗಳು ಗುಂಡಿಗಳು ಹಾಗೂ ದೂಳಿನಿಂದು ಕೂಡಿರುತ್ತದೆ ಹಾಗೂ ಸಾರ್ವಜನಿಕರ ಸಂಚಾರಕ್ಕೆ ತುಂಬ ತೊಂದರೆಯಾಗಿರುತ್ತದೆ. ಆದ್ದರಿಂದ ಸದರಿ ರಸ್ತೆಗಳನ್ನು ಅಭಿವೃದ್ಧಿ ಪಡಿಸಲು ಸ್ಥಳೀಯ ಚುನಾಯಿತ ಪ್ರತಿನಿಧಿಗಳು ಕೋರಿರುವುದರ ಮೇರೆಗೆ 2013–14ನೇ ಸಾಲಿನ ಕಾರ್ಯಕ್ರಮದ ಯೋಜನೆಯಡಿ ಕಾಮಗಾರಿಯನ್ನು ಸೇರಿಸಿಕೊಂಡು ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಬೇಕಾಗಿರುತ್ತದೆ, ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಲು ಈ ಕೆಳಕಂಡ ಅಂಶಗಳನ್ನು ಅಳವಡಿಸಿಕೊಂಡು ಅಂದಾಜನ್ನು ತಯಾರಿಸಿ ಸಲ್ಲಿಸಲಾಗಿದೆ.

1. ಸಿಮೆಂಟ್ ಕಾಂಕ್ರೀಟ್ ರಸ್ತೆ ನಿರ್ಮಿಸಲು ಮಣ್ಣು ಅಗೆತದ ಕೆಲಸ ಮಾಡುವುದು.
2. ಸಿಮೆಂಟ್ ಕಾಂಕ್ರಿಟ್ ಎಂ7.5 ಹಾಗೂ ಎಂ20 ಅಳವಡಿಸಿ ಕಾಂಕ್ರಿಟ್ ರಸ್ತೆ ನಿರ್ಮಾಣ ಮಾಡುವುದು.
3. ಹಳೆ ಕಾಂಕ್ರೀಟ್ ಚರಂಡಿಯ ಮೇಲೆ ಛಾವಣಿ ಹಾಕುವುದು ಹಾಗೂ ಇತರೆ ಅವಶ್ಯಕ ಅಂಶಗಳಿಗೆ ಅವಕಾಶ ಕಲ್ಪಿಸಿಕೊಂಡಿರುತ್ತದೆ.

ಅಂದಾಜನ್ನು 2013–14ನೇ ಸಾಲಿನ ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆ ದರಪಟ್ಟಿಯನ್ನು ಅಳವಡಿಸಿಕೊಂಡು ರೂ. 13.62 ಲಕ್ಷಗಳಿಗೆ ತಯಾರಿಸಿದ್ದು, 2013–14ನೇ ಸಾಲಿನ ಕಾರ್ಯಕ್ರಮದಡಿಯಲ್ಲಿ ಅನುಮೋದಿಸಿ ಕಾಮಗಾರಿ ಸಂಕೇತ, ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಹಾಗೂ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿಯನ್ನು ನೀಡಲು ಕೋರಲಾಗಿದೆ.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ. 10 (ದೊಡ್ಡಬೊಮ್ಮಸಂದ್ರ)
ವಿದ್ಯಾರನ್ಯಪುರ ಉಪವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪವಿಭಾಗ
ಬೃ.ಬೆಂ.ಮ.ಪಾ., ಬೆಂಗಳೂರು – 97.

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: Providing CC Roads at G Krishna Murthy House Road opp Venugopalswamy Temple in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.

							Estimate Cost:		1362000.00
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 152 / Item No. 19.1/ PWD SR 2013-14**	Cum							
	Desilting of Drains		1	70.00	0.45	0.30	9.45		
							9.45	65.88	**623.0**
	Basic Rate	61.00							
	Area Weightage @8%	4.88							
	Total	**65.88**							
2	KSRRB M300-53: Construction of embankment with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) **MORTH specification No. 305, No. 159 / Item No. 19.60/ PWD SR 2013-14**	Cum							
	For CC Road								
			1	92.00	5.00	0.30	138.00		
							138.00	166.32	**22952.0**
	Basic Rate	154.00							
	Area Weightage @ 8%	12.32							
	Total	**166.32**							
3	KSRB 2-1.1: Earth work in surface excavation in **ordinary soil** for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1, **No. 5/ Item No. 2.1/ PWD SR 2013-14**	Cum							
	For CC Road								
			1	92.00	5.00	0.15	69.00		
			1	100.00	4.50	0.10	45.00		
							114.00	126.36	**14405.0**
	Basic Rate	117.00							
	Area Weightage @ 8%	9.36							
	Total	**126.36**							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
4	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **Page No. 12 / Item No. 4.3 PWD SR - 2013-14** For CC Road	Cum							
			1	92.00	5.00	0.15	69.00	67.50	
			1	100.00	4.50	0.15	67.50		
							136.50	4290.84	**585700.00**
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	**4290.84**							
5	KSRRB M2600-3: Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications, MORTH specification No. 2605, **No. 251 / Item No. 31.3 PWD SR 2013-14**	M							
			8	5.00			40.00		
			9	4.50			40.50		
							80.50	137.16	**11041.00**
	Basic Rate	127.00							
	Area Weightage @ 8%	10.16							
	Total	**137.16**							
6	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 19 / Item No. 4.48.1/ PWD SR 2013-14**	Cum							
			1	92.00	5.00	0.10	46.00		
			1	100.00	4.50	0.10	45.00		
							91.00	6464.88	**588304.00**
	Basic Rate	5986.00							
	Area Weightage @ 8%	478.88							
	Total	**6464.88**							
7	**Vaccum De-watering** with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **190 / Item No. 22.7/ PWD SR 2013-14**	Sqm							
			1	92.00	5.00		460.00		

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			1	100.00	4.50		450.00		
							910.00	91.80	**83538.00**
	Basic Rate	85.00							
	Area Weightage @ 8%	6.80							
	Total	**91.80**							
8	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface** such as **walls at any thickness**, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No.17 / Item No. 4.31 PWD SR - 2013-14**	Sqm							
	CC Drain		1	70.00		0.45	31.50		
							31.50	271.08	**8539.00**
	Basic Rate	251.00							
	Area Weightage @ 8%	20.08							
	Total	**271.08**							
9	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459 cum wuth superplastisier @ 3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works **in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wall** (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 **Page No. 13 / ITem No. 4.11 PWD SR - 2013-14**	Cum							
	Covering Slab		1	70.00	0.60	0.10	4.20		
							4.20	5639.76	**23687.00**
	Basic Rate	5222.00							
	Area Weightage @ 8%	417.76							
	Total	**5639.76**							
10	KSRB 4.9.2: Providing **T.M.T steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 19/ Item No. 4.46.2 PWD SR 2013-14 TMT Bars Fe 500**	Qntl							
			0.70	4.20			2.94		
							2.94	7450.92	**21906.00**

(4)

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Basic Rate	6899.00							
	Area Weightage 8%	551.92							
	Total	**7450.92**							
11	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
			Vide Item No. 1				9.45	72.71	687.00
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
12	Miscellaneous and other Charges	L/S							618.00
							Total		**1362000.00**

(Rs. Thirteen Lakhs Sixty Two Thousand Only)

ADMINISTRATIVELY SANCTIONED FOR Rs 13.62 lakhs
Rupees Thirteen lakhs Sixty Two thousand only.
Under P-1771
Registered as EE ( ) No 3 ...9...
Subject to conditions contained in
enclosed memo EE ( ) No JC(Yel)395/13-14
Dt 30/10/13 Estimate A/Sanctioned
No
dated 30/10/13 Rs 13.62 lakhs
Joint Commissioner (Yelahanka Zone) BBMP Bengaluru-92
13620
1506

H-TPI Charges

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2013-14.
3 This work included under 2013-14 POW.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer

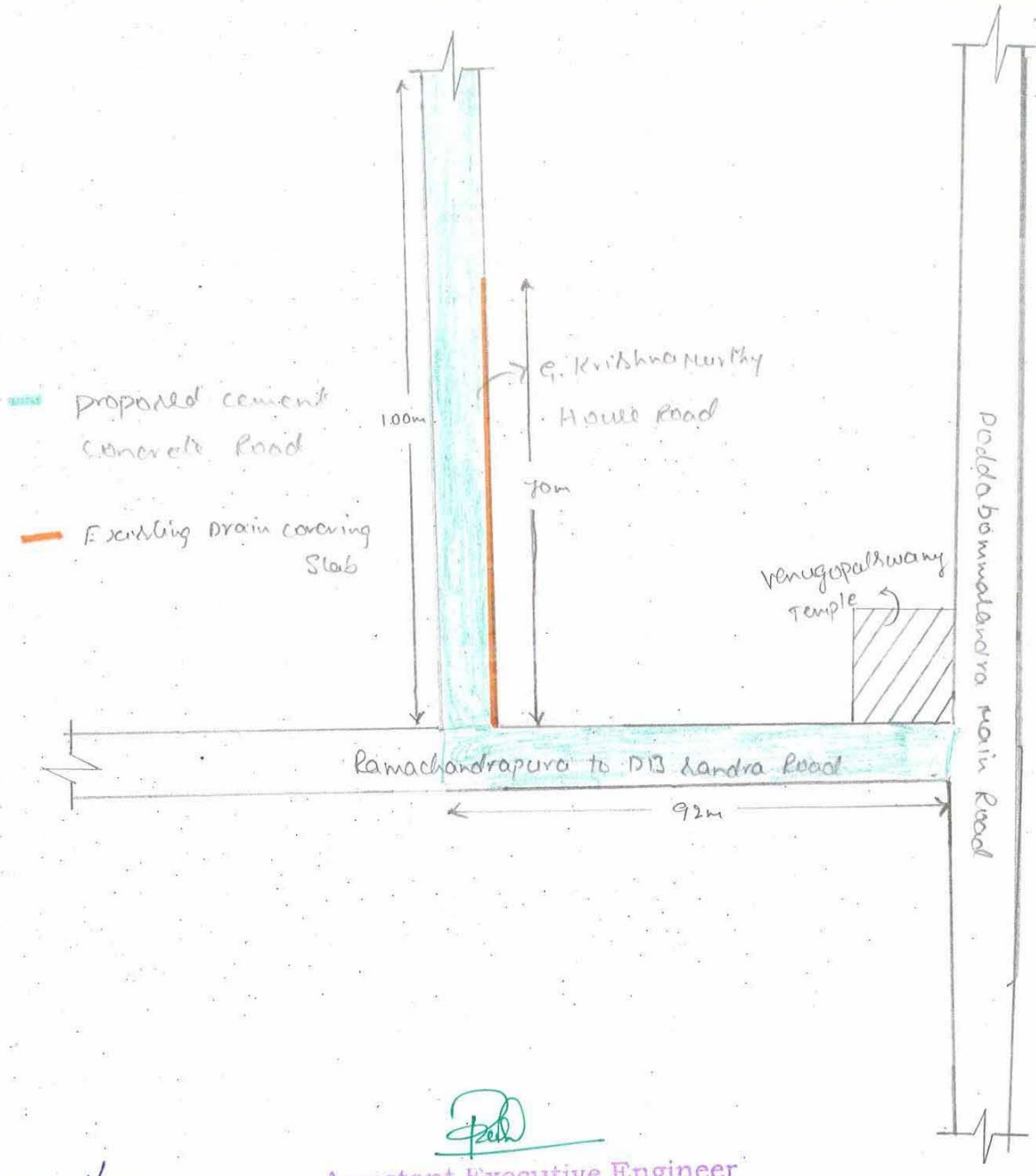
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ಕರಡು ಟೆಂಡರ್ ಷೆಡ್ಯೂಲ್‌ನ್ನು
ಶಿದ್ಧುಪಡಿಗಳ ಸಂಖ್ಯೆ.....( )
ಶಿದ್ಧುಪಡಿ ಮಾಡಿ/ಇಲ್ಲದೆ
ಅನುಮೋದನೆ ನೀಡಿಲಾಗಿದೆ

Technical Sanction for Rs. 13.62 Lakhs
Re Thirteen Lakh, Sixty Two thousand only
Rs.
P-1771
Subject
Dt 29/10/13
Registered as EE(BP&DM) No. 181/13-14
to conditions contained in enclosed memo
EE(B) - 181/13-14
Dated

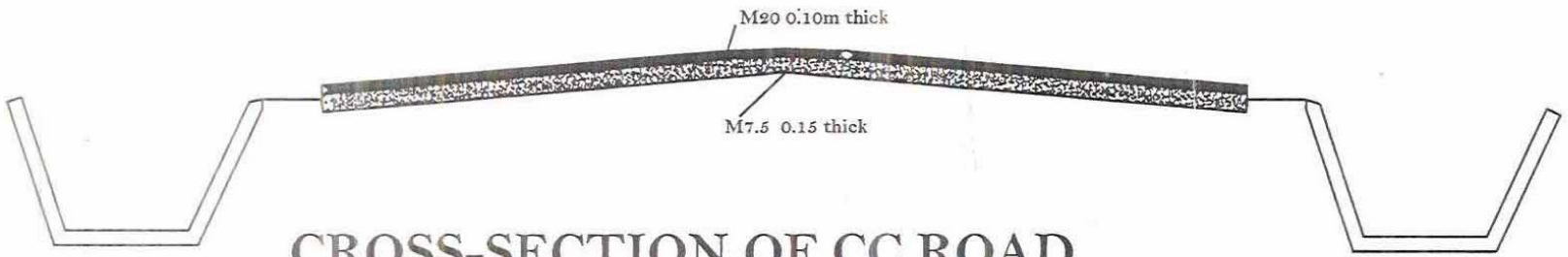
Sketch for Providing CC Roads at G Krishna Murthy House Road opp. Venugopalswamy Temple in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.



Badhan
AE

Assistant Executive Engineer
Vidyaranyapura Sub Divisior
BBMP, Bangalore - 97

NAME OF WORK:-



CROSS-SECTION OF CC ROAD

INDEX

M7.5 1:4:8 0.15m Thick

M20 1:1.5:3 0.10m Thick

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER
VIDYARANYAPURA SUB DIVISION.

(1)

152 - BYATARAYANAPURA AC
WARD NAME : 10 - DODDA BOMMASANDRA

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97